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**Facsimile Transmittal**

**DATE:** August 7, 2006

**TO:** Commissioner for Patents

**ATTN:** Examiner Nguyen Thanh Vo  
Art Unit 2825

**FAX NUMBER:** (971) 273-8300

**FROM:** Larry J. Moskowitz, Attorney for Applicant  
Registration No. 42,911

**Total Number of Pages Sent:** 15 (including this transmittal cover sheet)

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**ATTACHING BY FACSIMILE:**

**ATTORNEY DCKET NO. 810242C1**

**ENCLOSED ARE:**

- Amendment Transmitted (1 page, in duplicate)
- Amendment (9 pages)
- Three (3) To avoid Disclaimers (3 pages)

**APPLICANT:** WISSE et al.  
**ASSIGNEE:** QUALCOMM Incorporated  
**SERIAL NO.:** 10584 A19  
**FILED:** October 27, 2005  
**FOR:** METHOD AND APPARATUS FOR ALLOCATING DOWNLINK RESOURCES IN A MULTIPLE-INPUT MULTIPLE-OUTPUT (MIMO) COMMUNICATION SYSTEM

\*\*\*\*\*

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DATE: August 7, 2006  
TO: Commissioner for Patents  
ATTN: Examiner: Nguyen Thanh Vo  
Art Unit: 2685  
FAX NUMBER: (571) 273-8300  
FROM: Larry J. Moskowitz, Attorney for Applicant  
Registration No. 42,911

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- Amendment (9 pages)
- Three (3) Terminal Disclaimers (3 pages)

APPLICANT: Walton et al.  
ASSIGNEE: QUALCOMM Incorporated  
SERIAL NO.: 10/696,636  
FILED: October 29, 2003  
FOR: METHOD AND APPARATUS FOR ALLOCATING DOWNLINK RESOURCES IN A MULTIPLE-  
INPUT MULTIPLE-OUTPUT (MIMO) COMMUNICATION SYSTEM

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*Facsimile Transmittal*

DATE: August 7, 2006

TO: Commissioner for Patents



ATTN: Examiner: Nguyen Thanh Vo  
Art Unit: 2685

FAX NUMBER: (571) 273-8300

FROM: Larry J. Moskowitz, Attorney for Applicant  
Registration No. 42,911

Total Number of Pages Sent: 15 (including this transmittal cover sheet)

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ATTORNEY DOCKET NO.: 010248C1

ENCLOSED ARE:

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- Amendment (9 pages)
- Three (3) Terminal Disclaimers (3 pages)

APPLICANT: Walton et al.

ASSIGNEE: QUALCOMM Incorporated

SERIAL NO.: 10/696,630

FILED: October 29, 2003

FOR: METHOD AND APPARATUS FOR ALLOCATING DOWNLINK RESOURCES IN A MULTI-  
INPUT MULTIPLE-OUTPUT (MIMO) COMMUNICATION SYSTEM

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Docket Number (Optional)

010248C1

In re Application of: Walton et al.

Application No.: 10/696,630

**COPY**

Filed: October 29, 2003

For: METHOD AND APPARATUS FOR ALLOCATING DOWNLINK RESOURCES IN A MULTIPLE-INPUT MULTIPLE-OUTPUT (MIMO)  
COMMUNICATION SYSTEM

The owner, QUALCOMM, Inc., of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term prior patent No. 7,020,110 as the term of said prior patent is defined in 35 U.S.C. 154 and 173, and as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 and 173 of the prior patent, as the term of said prior patent is presently shortened by any terminal disclaimer, in the event that said prior patent later:

expires for failure to pay a maintenance fee;

is held unenforceable;

is found invalid by a court of competent jurisdiction;

is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;

has all claims canceled by a reexamination certificate;

is reissued; or

is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

Check either box 1 or 2 below, if appropriate:

1. ☐ For submissions on behalf of a business/organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned is empowered to act on behalf of the business/organization.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2. ☒ The undersigned is an attorney or agent of record. Reg. No. 42,911

*Larry J. Moskowitz*  
Signature

August 7, 2006

Date

Larry Jan Moskowitz

Typed or printed name

(859) 651-4556

Telephone Number

- ☒ Terminal disclaimer fee under 37 CFR 1.20(ii) included.

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\*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).  
Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

This collection of information is required by 37 CFR 1.321. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**TERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING  
REJECTION OVER A "PRIOR" PATENT**

Docket Number (Optional)

010248C1

In re Application of: Walton et al:

**COPY**

Application No.: 10/696,630

Filed: October 29, 2003

For: METHOD AND APPARATUS FOR ALLOCATING DOWNLINK RESOURCES IN A MULTIPLE-INPUT MULTIPLE-OUTPUT (MIMO)  
COMMUNICATION SYSTEM

The owner, QUALCOMM, Inc., of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term prior patent No. 7,047,018 as the term of said prior patent is defined in 35 U.S.C. 154 and 173, and as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 and 173 of the prior patent, as the term of said prior patent is presently shortened by any terminal disclaimer, in the event that said prior patent later:

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is held unenforceable;

is found invalid by a court of competent jurisdiction;

is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;

has all claims canceled by a reexamination certificate;

is reissued; or

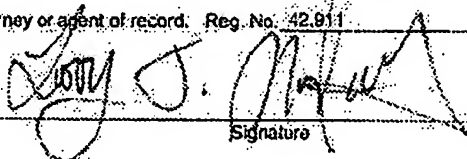
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Check either box 1 or 2 below, if appropriate:

1. ☐ For submissions on behalf of a business/organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned is empowered to act on behalf of the business/organization.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2. ☒ The undersigned is an attorney or agent of record. Reg. No. 42,811



Signature

August 7, 2006

Date

Larry Jan Moskowitz

Typed or printed name

(858) 661-4556

Telephone Number

- ☒ Terminal disclaimer fee under 37 CFR 1.20(d) included.

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**TERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING  
REJECTION OVER A "PRIOR" PATENT**Docket Number (Optional)  
010248C1In re Application of: Waffon et al.Application No.: 10/696,630Filed: October 29, 2003**© COPY**For: METHOD AND APPARATUS FOR ALLOCATING DOWNLINK RESOURCES IN A MULTIPLE-INPUT, MULTIPLE-OUTPUT (MIMO) COMMUNICATION SYSTEM

The owner, QUALCOMM, Inc., of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term prior patent No. 6,662,024 as the term of said prior patent is defined in 35 U.S.C. 154 and 173; and as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

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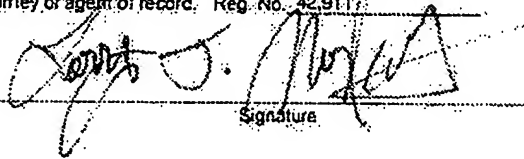
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- is found invalid by a court of competent jurisdiction;
- is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;
- has all claims canceled by a reexamination certificate;
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2. ☒ The undersigned is an attorney or agent of record. Reg. No. 42,911

  
Signature

August 7, 2006  
Date

Larry Jan Moskowitz  
Typed or printed name

(858) 651-4556  
Telephone Number

- ☒ Terminal disclaimer fee under 37 CFR 1.20(d) included.

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